

SECTION 6-10, CONCRETE BARRIER

August 5, 2002

6-10.3(2) Cast-In-Place Concrete Barrier

This section is revised to read:

Forms for cast-in-place barrier shall be made of steel or of exterior plywood coated with plastic. The Contractor may construct the barrier by the slip-form method.

The barrier shall be made of Class 4000 concrete that meets the requirements of Section 6-02, except that the fine aggregate gradation used for slip form barrier may be either Class 1 or 2. The Contractor may use Portland cement Type III at no additional expense to the Contracting Agency.

In addition to the steel reinforcing bar tying and bracing requirements specified in Section 6-02.3(24) C, the Contractor may also place small amounts of concrete to aid in holding the steel reinforcing bars in place. These small amounts of concrete shall be not more than two cubic feet in volume, and shall be spaced at a minimum of ten-foot intervals within the steel reinforcement cage. These small amounts of concrete shall be consolidated and shall provide two inches minimum clearance to the steel reinforcing bars on the outside face of the barrier. All spattered and excess mortar and concrete shall be removed from the steel reinforcing bars prior to slip-form casting.

Barrier expansion joints shall be spaced at 96-foot intervals, and dummy joints shall be spaced at 12-foot intervals unless otherwise specified in the contract.

Immediately after removing the forms, the Contractor shall complete any finishing work needed to produce a uniformly smooth, dense surface. The surface shall have no rock pockets and no holes larger than ¼ inch across. The barrier shall be cured and finished in accordance with Section 6-02.3(11) A.

The maximum allowable deviation from a 10-foot straightedge held longitudinally on all surfaces shall be ¼ inch. For single sloped barrier the maximum allowable deviation from a straightedge held along the vertical sloped face of the barrier shall be ¼ inch.

At final acceptance of the project, the barrier shall be free from stains, smears, and any discoloration.

6-10.3(7) Concrete Barrier Berm Type 1

This section including title is revised to read:

6-10.3(7) Vacant

6-10.4 Measurement

The statement "Concrete barrier berms will be measured per each for each berm installed." Is deleted.

1 **6-10.5 Payment**

2 The bid item ("Conc. Barrier Berms Type 1", per each.) is deleted.